

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	211581	"455"/\$.ccls. or "370"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:07
L2	169	1 and (sleep or idle) and (beacon) and (wireless adj local adj area adj network or wlan or wireless adj lan or local adj area adj network) and (ap or access adj point) and (voice or speech) and (contend\$3 or contention)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:08
L3	1	1 and ((sleep or idle) and (beacon) and (wireless adj local adj area adj network or wlan or wireless adj lan or local adj area adj network) and (ap or access adj point) and (voice or speech) and (contend\$3 or contention)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:09
L4	0	1 and ((sleep or idle) and (beacon) and (wireless adj local adj area adj network or wlan or wireless adj lan or local adj area adj network) and (ap or access adj point) and (voice or speech) and (contend\$3 or contention)).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:09
L5	0	1 and ((sleep or idle) with (beacon) with (wireless adj local adj area adj network or wlan or wireless adj lan or local adj area adj network) with (ap or access adj point) with (voice or speech) with (contend\$3 or contention))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:10
L6	0	1 and (sleep or idle) and ((beacon) with (wireless adj local adj area adj network or wlan or wireless adj lan or local adj area adj network) with (ap or access adj point) with (voice or speech) with (contend\$3 or contention))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:10
L7	4	1 and (sleep or idle) and (beacon) and ((wireless adj local adj area adj network or wlan or wireless adj lan or local adj area adj network) with (ap or access adj point) with (voice or speech) with (contend\$3 or contention))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:12

## EAST Search History

L8	1	1 and (sleep or idle) and (beacon) and ((wireless adj local adj area adj network or wlan or wireless adj lan or local adj area adj network) with (ap or access adj point) with (voice or speech) with (contend\$3 or contention)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:12
L9	2	1 and (sleep or idle) and (beacon) and (wireless adj local adj area adj network or wlan or wireless adj lan or local adj area adj network) and ((ap or access adj point) with (voice or speech) with (contend\$3 or contention)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:12
L10	1	9 not 8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:12
L11	0	((wireless or portable or cellular or radio or mobile or rf or ms) with (sleep or idle) with beacon with (wireless adj lan or wlan or wireless adj local adj area adj network or local adj area adj network) with (ap or access adj point) with ((transmission\$ or transmit\$4 or send\$3) with voice) with (service adj interval or period or frame or slot or timeslot) with (contend\$3 or contention)).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:15
L12	0	((wireless or portable or cellular or radio or mobile or rf or ms) with (sleep or idle) with beacon with (wireless adj lan or wlan or wireless adj local adj area adj network or local adj area adj network) with (ap or access adj point) with ((transmission\$ or transmit\$4 or send\$3) with voice) with (service adj interval or period or frame or slot or timeslot) with (contend\$3 or contention)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:15

## EAST Search History

L13	0	(wireless or portable or cellular or radio or mobile or rf or ms) and (sleep or idle) and ((wireless adj lan or wlan or wireless adj local or lan or local adj area adj network) and (beacon with (ap or access adj point) with (speech or voice) with (contend\$3 or contention))). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:15
L14	0	((wireless or portable or cellular or radio or mobile or rf or ms) and ((sleep or idle) with beacon with (wireless adj lan or wlan or wireless adj local) with (ap or access adj point) with (speech or voice) with (service adj interval or period or frame or slot or timeslot) with (contend\$3 or contention))). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:15
L15	0	((wireless or portable or cellular or radio or mobile or rf or ms) and ((sleep or idle) with beacon with (wireless adj lan or wlan or wireless adj local or lan or local adj area adj network) with (ap or access adj point) with (speech or voice) with (service adj interval or period or frame or slot or timeslot) with (contend\$3 or contention))). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:16
L16	0	(wireless or portable or cellular or radio or mobile or rf or ms) and ((sleep or idle) with beacon with (wireless adj lan or wlan or wireless adj local) with (ap or access adj point) with (speech or voice) with (service adj interval or period or frame or slot or timeslot) with (contend\$3 or contention))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:17
L17	0	(wireless or portable or cellular or radio or mobile or rf or ms) and ((sleep or idle) with beacon with (wireless adj lan or wlan or wireless adj local or local adj area adj network) with (ap or access adj point) with (speech or voice) with (service adj interval or period or frame or slot or timeslot) with (contend\$3 or contention))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:17

## EAST Search History

L18	0	(wireless or portable or cellular or radio or mobile or rf or ms) and ((sleep or idle) with beacon with (wireless adj lan or wlan or wireless adj local or local adj area adj network) with (ap or access adj point) with (speech or voice) with (contend\$3 or contention))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:18
L19	0	(wireless or portable or cellular or radio or mobile or rf or ms) and (sleep or idle) and (beacon with (wireless adj lan or wlan or wireless adj local or local adj area adj network) with (ap or access adj point) with (speech or voice) with (contend\$3 or contention))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:19
L20	0	(wireless or portable or cellular or radio or mobile or rf or ms) and (sleep or idle) and (wireless adj lan or wlan or wireless adj local or local adj area adj network) and (beacon with (ap or access adj point) with (speech or voice) with (contend\$3 or contention))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:20
L21	0	((wireless or portable or cellular or radio or mobile or rf or ms) and (sleep or idle) and (wireless adj lan or wlan or wireless adj local or local adj area adj network) and (beacon with (ap or access adj point) with (speech or voice) with (contend\$3 or contention))).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:20
L22	0	((wireless or portable or cellular or radio or mobile or rf or ms) and (sleep or idle) and (wireless adj lan or wlan or wireless adj local or local adj area adj network) and (speech or voice) and (beacon with (ap or access adj point) with (speech or voice or data) with (contend\$3 or contention))).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:21
L23	13	((wireless or portable or cellular or radio or mobile or rf or ms) and (sleep or idle) and (wireless adj lan or wlan or wireless adj local or local adj area adj network) and (speech or voice) and (beacon with (ap or access adj point) with (speech or voice or data) with (contend\$3 or contention)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:21

## EAST Search History

L24	13	23 not 7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:21
L25	0	(wireless or portable or cellular or radio or mobile or rf or ms) and (sleep or idle) and ((wireless adj lan or wlan or wireless adj local or lan or local adj area adj network) and (beacon with (ap or access adj point) with (speech or voice) with (contend\$3 or contention))). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:33
S1	1	("20040081133").PN.	US-PGPUB; USPAT	OR	OFF	2006/11/29 12:06
S2	0	(wireless or portable or cellular or radio or mobile or rf or ms) with (sleep or idle) with (active or awake) with beacon with (wireless adj lan or wlan or wireless adj local) with access adj point with (voice or speech) with (transmission\$ or transmit\$4 or send\$3) with (service adj interval or period or frame or slot or timeslot)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/12 17:44
S3	0	(wireless or portable or cellular or radio or mobile or rf or ms) with (sleep or idle) with beacon with (wireless adj lan or wlan or wireless adj local) with access adj point with (voice or speech) with (transmission\$ or transmit\$4 or send\$3) with (service adj interval or period or frame or slot or timeslot)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/12 17:44
S4	0	(wireless or portable or cellular or radio or mobile or rf or ms) and (sleep or idle) with beacon with (wireless adj lan or wlan or wireless adj local) with access adj point with (voice or speech) with (transmission\$ or transmit\$4 or send\$3) with (service adj interval or period or frame or slot or timeslot)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/12 17:44

## EAST Search History

S5	1	(wireless or portable or cellular or radio or mobile or rf or ms) and (sleep or idle) with beacon with (wireless adj lan or wlan or wireless adj local) with access adj point with (transmission\$ or transmit\$4 or send\$3) with (service adj interval or period or frame or slot or timeslot)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/12 17:45
S6	0	(wireless or portable or cellular or radio or mobile or rf or ms) and (sleep or idle) with (active or awake or wake) with beacon with (wireless adj lan or wlan or wireless adj local) with access adj point with (transmission\$ or transmit\$4 or send\$3) with (service adj interval or period or frame or slot or timeslot)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/12 17:45
S7	104	(wireless or portable or cellular or radio or mobile or rf or ms) and (sleep or idle) with (active or awake or wake) and beacon and (wireless adj lan or wlan or wireless adj local) and (ap or access adj point) and (transmission\$ or transmit\$4 or send\$3) and (service adj interval or period or frame or slot or timeslot)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/28 18:34
S8	9	S7 and beacon.ab. and (ap or access adj point).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/12 17:46
S9	34	S7 and contend\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/12 17:54
S10	30	S7 and (quantity or amount) with data with (sent or send\$3 or transmit\$4 or transmission)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/12 17:55

## EAST Search History

S11	2	S10 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/12 17:55
S12	28	S10 not S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/12 17:56
S13	26	S12 and (ack or acknowledgement or acknowledgment)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/12 18:00
S14	67	S7 not (S10 or S8)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/12 18:01
S15	33	S14 and ((beacon.ab.) or (ap.ab. or access adj point.ab.))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/12 18:10
S16	34	S14 not S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/12 18:10
S17	8	(wireless or portable or cellular or radio or mobile or rf or ms) and (sleep or idle) with (active or awake or wake) and beacon and (wireless adj lan or wlan or wireless adj local) and (ap or access adj point) and (transmission\$ or transmit\$4 or send\$3) and (service adj interval or period or frame or slot or timeslot) and (contend\$3 or contention).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/28 19:00

## EAST Search History

S18	4	(wireless or portable or cellular or radio or mobile or rf or ms) and (sleep or idle) with (active or awake or wake) and beacon and (wireless adj lan or wlan or wireless adj local) and (ap or access adj point) and ((transmission\$ or transmit\$4 or send\$3) with voice) and (service adj interval or period or frame or slot or timeslot) and (contend\$3 or contention).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/28 18:46
S19	16	(wireless or portable or cellular or radio or mobile or rf or ms) and (sleep or idle) and beacon and (wireless adj lan or wlan or wireless adj local) and (ap or access adj point) and ((transmission\$ or transmit\$4 or send\$3) with voice) and (service adj interval or period or frame or slot or timeslot) and (contend\$3 or contention).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/28 19:02
S20	12	S19 not S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/28 18:47
S21	0	(wireless or portable or cellular or radio or mobile or rf or ms) with (sleep or idle) with beacon with (wireless adj lan or wlan or wireless adj local) with (ap or access adj point) with ((transmission\$ or transmit\$4 or send\$3) with voice) with (service adj interval or period or frame or slot or timeslot) with (contend\$3 or contention)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:14
S22	0	(wireless or portable or cellular or radio or mobile or rf or ms) with (sleep or idle) with beacon with (wireless adj lan or wlan or wireless adj local) with (ap or access adj point) with voice with (service adj interval or period or frame or slot or timeslot) with (contend\$3 or contention)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/28 18:53



## EAST Search History

S23	0	(wireless or portable or cellular or radio or mobile or rf or ms) and ((sleep or idle) with beacon with (wireless adj lan or wlan or wireless adj local) with (ap or access adj point) with voice with (service adj interval or period or frame or slot or timeslot) with (contend\$3 or contention))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:17
S24	0	(wireless or portable or cellular or radio or mobile or rf or ms) and ((sleep or idle) with beacon with (wireless adj lan or wlan or wireless adj local) with (ap or access adj point) with (speech or voice) with (service adj interval or period or frame or slot or timeslot) with (contend\$3 or contention))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:15
S25	0	(wireless or portable or cellular or radio or mobile or rf or ms) and ((sleep or idle) with beacon with (wireless adj lan or wlan or wireless adj local or lan or local adj area adj network) with (ap or access adj point) with (speech or voice) with (service adj interval or period or frame or slot or timeslot) with (contend\$3 or contention))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:16
S26	0	(wireless or portable or cellular or radio or mobile or rf or ms) and ((sleep or idle) with beacon with (wireless adj lan or wlan or wireless adj local or lan or local adj area adj network) with (ap or access adj point) with (speech or voice) with (contend\$3 or contention))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/28 18:56
S27	0	(wireless or portable or cellular or radio or mobile or rf or ms) and (sleep or idle) and (beacon with (wireless adj lan or wlan or wireless adj local or lan or local adj area adj network) with (ap or access adj point) with (speech or voice) with (contend\$3 or contention))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/28 18:56

## EAST Search History

S28	0	(wireless or portable or cellular or radio or mobile or rf or ms) and (sleep or idle) and (wireless adj lan or wlan or wireless adj local or lan or local adj area adj network) and (beacon with (ap or access adj point) with (speech or voice) with (contend\$3 or contention))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/28 18:58
S29	0	((wireless or portable or cellular or radio or mobile or rf or ms) and (sleep or idle) and (wireless adj lan or wlan or wireless adj local or lan or local adj area adj network) and (beacon with (ap or access adj point) with (speech or voice) with (contend\$3 or contention))). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/28 19:03
S30	0	((wireless or portable or cellular or radio or mobile or rf or ms) with (sleep or idle) with beacon with (wireless adj lan or wlan or wireless adj local) with (ap or access adj point) with ((transmission\$ or transmit\$4 or send\$3) with voice) with (service adj interval or period or frame or slot or timeslot) with (contend\$3 or contention)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/28 18:59
S31	1	((wireless or portable or cellular or radio or mobile or rf or ms) and (sleep or idle) and beacon and (wireless adj lan or wlan or wireless adj local) and (ap or access adj point) and ((transmission\$ or transmit\$4 or send\$3) with voice) and (service adj interval or period or frame or slot or timeslot) and (contend\$3 or contention)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/28 18:59
S32	2	((wireless or portable or cellular or radio or mobile or rf or ms) and (sleep or idle) with (active or awake or wake) and beacon and (wireless adj lan or wlan or wireless adj local) and (ap or access adj point) and (transmission\$ or transmit\$4 or send\$3) and (service adj interval or period or frame or slot or timeslot) and (contend\$3 or contention)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/28 19:00

## EAST Search History

S33	1	((wireless or portable or cellular or radio or mobile or rf or ms) and (sleep or idle) and beacon and (wireless adj lan or wlan or wireless adj local) and (ap or access adj point) and ((transmission\$ or transmit\$4 or send\$3) with voice) and (service adj interval or period or frame or slot or timeslot) and (contend\$3 or contention)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/28 19:02
S34	0	(wireless or portable or cellular or radio or mobile or rf or ms) and (sleep or idle) and ((wireless adj lan or wlan or wireless adj local or lan or local adj area adj network) and (beacon with (ap or access adj point) with (speech or voice) with (contend\$3 or contention))).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:33
S35	0	(wireless or portable or cellular or radio or mobile or rf or ms) and (sleep or idle) and (wireless adj lan or wlan or wireless adj local or lan or local adj area adj network) and ((beacon with (ap or access adj point) with (speech or voice) with (contend\$3 or contention))).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/28 19:04
S36	2	(wireless or portable or cellular or radio or mobile or rf or ms) and (sleep or idle) and (wireless adj lan or wlan or wireless adj local or lan or local adj area adj network) and (beacon and ((ap or access adj point) with (speech or voice) with (contend\$3 or contention))).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/28 19:05
S37	2	(wireless or portable or cellular or radio or mobile or rf or ms) and (sleep or idle) and (wireless adj lan or wlan or wireless adj local or lan or local adj area adj network) and beacon and ((ap or access adj point) with (speech or voice) with (contend\$3 or contention)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/28 19:10

## EAST Search History

S38	7	(wireless or portable or cellular or radio or mobile or rf or ms) and (sleep or idle) and (wireless adj lan or wlan or wireless adj local or lan or local adj area adj network) and beacon and (speech or voice) and ((ap or access adj point) with (speech or voice or data) with (contend\$3 or contention)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/28 19:10
S39	5	S38 not S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/28 19:10